M.S. in Sport Analytics

Description

The Master of Science in Sport Analytics (MSSA) program is a one year, fully online degree program with two emphasis areas – sport performance and sport business. The online MSSA program is designed to enhance knowledge, skills, and competencies in data acquisition, management, analysis, visualization, and interpretation for improving sport performance and sport business. Coursework will prepare professionals with strong practical skills in analytics, focusing on measurement and statistical modeling and big data analytics in sport. The program combines academic, practical, and research based skills to allow students to develop in their selected area.

Admissions

The MSSA online program accepts rolling admission with application deadlines one month prior to the term seeking admission.

- Evidence of an awarded baccalaureate degree from an accredited college or university (transcripts required).
- Quality of the applicant's academic record, as evidenced by cumulative grade-point average. At least a 3.0 or equivalent grade-point average on a 4.0 scale in the last 60 hours of undergraduate coursework is required.
- Official GRE score. GRE must have been taken within five years of applying for the graduate program. Scores equal to or greater than 146 on the verbal, 140 on the quantitative and 3.0 on writing divisions are recommended for admission at the master's level. The GRE requirement is waived for applicants who have (1) at least one year of post/secondary professional work experience related to sport performance, business, and/or analytics, and (2) one letter of recommendation.
- Resume or Curriculum Vitae.
- Statement of Interest. A 400 to 500 word statement of interest that describes your interest in pursuing the MSSA degree, your chosen emphasis in (1) sport performance or (2) sport business, your future career goals, and why you believe you will be successful in graduate school.
- International students must demonstrate compliance with the University of Mississippi's English Language Proficiency Score Requirements and Exemptions policy.

Minimum Total Credit Hours: 30
Course Requirements

The MSSA program will be administered through remote online instruction using distance-learning technologies and the Blackboard learning management system. The 30 credit/hour curriculum is composed of 21 credit hours of core coursework and 9 credit hours of emphasis area coursework. All classes are eight weeks, and each class is 3 credit hours. The program is designed to be completed in five eight week sessions/terms over three semesters (fall, spring, and summer).

CORE COURSES (21 credit hours)

- SA 511 - Applied Statistics*
- SA 601 - Measurement and Evaluation in Sport
- SA 602 - Predictive Analytics in Sport
- SA 603 - Big Data Analytics and Data Management
- SA 604 - Quantitative and Qualitative Research Methods
- SA 605 - Communication and Data Visualization in Sport
- SA 693 - Degree Culmination: Sport Analytics Capstone**

*All students must take the SA 511 - Applied Statistics course at the beginning of their program.

**All students must have completed 21 hours of coursework before they will be approved to take the SA 693: Sport Analytics Capstone course. The final format and the requirements of the project are completed in direct consultation with the student's faculty adviser or a member of the teaching faculty. Students must complete this course with a grade of B or above.

Specializations

- [Emphasis - Sport Bus and Perf Emphasis](#)
- [Emphasis - Sport Business Emphasis](#)
- [Emphasis - Sport Performance Emphasis](#)